



DECLARATION FOR PATENT APPLICATION

DECLARATION:

As the below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled CONCENTRIC TUBULAR CENTRIFUGE, which may be identified as Serial No. 09/828,296, filed April 6, 2001.

The persons named as inventors in this application are: Paul J. CORNAY, Ernest Peter TOVANI and Gary MATZEN.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, as attached.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on the basis of which priority is claimed:

- ☒ no such applications have been filed.
☐ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 U.S.C. § 119/365			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under 35 U.S.C. 120/365 of any United States or PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
09/707,430	6 November 2000	Pending
09/298,272	23 April 1999	Patented (U.S. Patent 6,142,924)
08/950,377	14 October 1997	Patented (U.S. Patent 5,944,648)

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
60/215,499	30 June 2000	Pending
60/195,686	7 April 2000	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name:	Paul J. CORNAY
Inventor's Signature:	<i>Paul J. Cornay</i>
Date:	8/30/01
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Inventor's Full Name:	Ernest Peter TOVANI
Inventor's Signature:	<i>Ernest Peter Tovan</i>
Date:	8/31/01
Residence: (City, State and/or Country)	Englewood, CO 80112
Citizenship:	U.S.A.
Post Address Office:	7033 South Oneida Circle Englewood, CO 80112

Inventor's Full Name:	Gary MATZEN
Inventor's Signature:	<i>Gary Matzen</i>
Date:	8-30-01
Residence: (City, State and/or Country)	Longmont, Colorado
Citizenship:	U.S.A.
Post Address Office:	1117 Left Hand Drive Longmont, CO 80501

§ 1.56 duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A *prima facie* case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Each other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent or inventor.



PATENT
Attorney Docket No. 5772.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Paul J. CORNAY, et al.

Serial No. 09/828,296

Filed: April 6, 2001.

For: CONCENTRIC TUBULAR CENTRIFUGE

Examiner:

Art Unit: 1723

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
Washington, D.C. 20231

Sir:

As an officer of EARTH LLC ("assignee"), I hereby certify that to the best of assignee's knowledge and belief it is the assignee of the entire right, title and interest in and to the above-referenced patent application, and represent that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and accurate copy which is attached hereto, and understands and believes that this assignment document will be or has been submitted for recordation in the U.S. Patent and Trademark Office.

Assignee hereby appoints on its behalf the following patent attorneys to prosecute the patent application identified above and to transact all business in the Patent Office connected therewith:

Dorsey & Whitney LLP
USPTO Customer No. 20686

Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventors.

Send all correspondence relating to this matter to:

Lee R. Osman, Esq.
DORSEY & WHITNEY LLP
Customer No. 20686
370 17th Street, Suite 4700
Denver, Colorado 80202-5647

Direct all telephone calls to Lee R. Osman at 303-629-3434.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 4th day of September, 2001.

ASSIGNEE:

ERTH LLC

By Margaret S. Hansson
Name: Margaret S. Hansson
Title: President and CEO
Address: 2220 Norwood Avenue
Boulder, Colorado 80304